

Author Index to Volume 13

- ACHANDO, S.S., see Wajchenberg, B.L. *et al.*  
 ALBERTI, K.G.M.M., see Johnston, D.G. *et al.*  
 ALCAÑIZ, J., see Perez, C. *et al.*  
 AL-DUJAILI, E.A.S., see Edwards, C.R.W. *et al.*  
 ALFORD, F.P., see Best, J.D. *et al.*  
 ALLEN, K.R., see Alston, W.C. *et al.*  
 ALSTON, W.C., ALLEN, K.R. and TOVEY, J.E.  
 A comparison of nephrogenous cyclic AMP, total urinary cyclic AMP and the renal tubular maximum resorption capacity for phosphate in the diagnosis of primary hyperparathyroidism, 17  
 ANDERSEN, A.N., HERTZ, J., KJER, J.J., ESKILDSEN, P.C., LARSEN, P.S., SVENSTRUP, B., NIELSEN, J. and ARENDS, J.  
 Ovarian and placental hormones during prolactin suppression and stimulation in early human pregnancy, 151  
 APTER, D.L., see Laatkainen, T.J. *et al.*  
 ARENDS, J., see Andersen, A.N. *et al.*  
 BAGSHAW, K.D., see Gaspard, U.J. *et al.*  
 BAIRD, D.T., see Vaughan Williams, C.A. *et al.*  
 BALDET, L. and JAFFIOL, C. Clinical implications of the measurement of free thyroid hormones in thyroid disease, 393  
 BARCELO, B., see Perez, C. *et al.*  
 BASCHIERI, L., see Pacini, F. *et al.*  
 BASSI, F., PUPI, A., GIANNOTTI, G., FIORELLI, G., FORTI, G., PINCHERA, A. and SERIO, M. Plasma dehydroepiandrosterone sulphate in hyperthyroid premenopausal women, 111  
 BEASTALL, G.H., see Cohen, H.N. *et al.*  
 BEARDWELL, C.G., see MacFarlane, I.A. *et al.*  
 BECH, K. and NISTRUP MADSEN, S. Influence of treatment with radioiodine and propylthiouracil on thyroid stimulating immunoglobulins in Graves' disease, 41  
 BESSER, G.M., see Gillies, G. *et al.*, also Grossman, A. *et al.*, Jeffcoate, W.J. *et al.*, Penman, E. *et al.*, Pullan, P.J. *et al.*, Wass, J.A.H. *et al.*  
 BERTAGNA, X.Y., BLOOMGARDEN, Z.T., RABIN, D., ROBERTS, L.J. and ORTH, D.N. Molecular weight forms of immunoreactive calcitonin in a patient with medullary carcinoma of the thyroid: dynamic studies with calcium, pentagastrin and somatostatin, 115  
 BEST, J.D., ALFORD, F.P. and DONALD, R.A. Evaluation of the three hour metyrapone test in adults, 69  
 BEWSHER, P.D., see How J. *et al.*  
 BING, R.F., BRIGGS, R.S.J., BURDEN, A.C., RUSSELL, G.I., SWALES, J.D. and THURSTON, H. Reversible hypertension and hypothyroidism, 339  
 BIRKENHAGER, J.C., see Klijn, J.G.M. *et al.*  
 BLESAL-MALPICA, G., see Johnston, D.G. *et al.*  
 BLOOMGARDEN, Z.T., see Bertagna, X.Y. *et al.*  
 BOLTON, A.E., see McFadyen, I.J. *et al.*  
 BONOMO, M., see Loli, P. *et al.*  
 BOSCARRO, M., see Edwards, C.R.W. *et al.*  
 BOTALLA, L., see Loli, P. *et al.*  
 BRAUNSTEIN, G.D., see Morley, J.E. *et al.*  
 BRIGGS, R.S.J., see Bing, R.F. *et al.*  
 BURDEN, A.C., see Bing, R.F. *et al.*  
 BURRIN, J.M., see Johnston, D.G. *et al.*  
 BUTT, W.R., see Kandeel, F.R. *et al.*  
 CAMERON, E.H.D., see McFadyen, I.J. *et al.*  
 CARLSON, H.E., see Morley, J.E. *et al.*  
 CATALAND, S., see Falko, J.M. *et al.*  
 CHAPMAN, C., see Martin, R.J. *et al.*  
 CHIN, W.W., see Ridgway, E.C. *et al.*  
 CHRISTENSEN, N.J., see Jürgensen, H.J. *et al.*  
 CLEMENT-JONES, V., see Pullan, P.J. *et al.*  
 COHEN, H.N., BEASTALL, G.H., FYFFE, J.A., FITZGERALD, V. and THOMSON, J.A. The prolactin response to metoclopramide in growth hormone deficient adolescent males, 207  
 COLLE, E., see Drop, S.L.S. *et al.*  
 COOK, R.F., see Mills, I.H. *et al.*  
 COOPER, D.S., see Ridgway, E.C. *et al.*  
 CORDER, R., see Pullan, P.J. *et al.*  
 COSTA, G., FRISINA, N. and DE PASQUALE, R. Increased aldosterone secretion induced by sulpiride, 1  
 CRILLY, R.C., see Towobola, O.A. *et al.*  
 CROCKETT, S.E., see Falko, J.M. *et al.*  
 CROMBI, A.L., see Teng, C.S. *et al.*  
 CROSIGNANI, P.G., see Reschini, E. *et al.*  
 CROWLEY, M.J., see Sullivan, P.A. *et al.*  
 DANIELS, G.H., see Ridgway, E.C. *et al.*  
 DAVILA, N., see Kandeel, F.R. *et al.*  
 DAVIES, T.J., see O'Malley, B.P. *et al.*  
 DARBYSHIRE, P.J., see MacFarlane, I.A. *et al.*  
 DE JONG, F.H., see Klijn, J.G.M. *et al.*  
 DELITALA, G., DEVILLA, A. and DI BIASO, D. Dopamine inhibits the naloxone-induced gonadotrophin rise in man, 515  
 DELITALA, G., see Grossman, A. *et al.*

- DEL NEGRO, G., MELO, E.H.L., ROBBARD, D., MELO, M.R., LEYTON, J. and WACHS-  
LICHT-ROBBARD, H. Limited adrenal reserve  
in paracoccidioidomycosis: cortisol and aldo-  
sterone responses to 1-24 ACTH, 553
- DELOGNE-DESNOECK, J., see Delvoye, P. *et al.*
- DELVOYE, P., DELOGNE-DESNOECK, J. and  
ROBYN, C. Hyperprolactinaemia during pro-  
longed lactation: evidence for anovulatory cycles  
and inadequate corpus luteum, 243
- DE PASQAULE, R., see Costa, G. *et al.*
- DEVILLA, A., see Delitala, G. *et al.*
- DEVILLE, J.-L., see Reuter, A.M. *et al.*, also Gas-  
pard, U.J. *et al.*
- DI BIASO, D., see Delitala, G. *et al.*
- DOCTER, R., see Klijn, J.G.M. *et al.*
- DOMÉNECH-TORNÉ, F.M., see Ortega, D. *et al.*
- DONALD, R.A., see Best, J.D. *et al.*, also Glat-  
thaar, C. *et al.*
- DROP, S.L.S., GUYDA, H.J. and COLLE, E. In-  
appropriate growth hormone release in the dien-  
cephalic syndrome of childhood: case report and  
4-year endocrinological follow-up, 181
- EDWARDS, C.R.W., AL-DUJAILI, E.A.S., BOS-  
CARRO, M., QUYYUMI, P., MIAL, P.A. and  
REES, L.H. *In vivo* and *in vitro* studies on the  
effect of metoclopramide on aldosterone secre-  
tion, 45
- EDWARDS, C.R.W., see Jeffcoate, W.J. *et al.*
- EDWARDS, O.M., see Mills, I.H. *et al.*
- EISMAN, J.A., MACINTYRE, I., MARTIN,  
R.J., FRAMPTON, R.J. and KING, R.J.B.  
Normal and malignant breast tissue is a target  
organ for 1,25-(OH)<sub>2</sub> vitamin D<sub>3</sub>, 267
- ESKILDSEN, P.C., see Andersen, A.N. *et al.*
- FADINI, R., see Reschini, E. *et al.*
- FAGLIA, G., see Moriondo, P. *et al.*
- FALKO, J.M., CROCKETT, S.E., CATALAND,  
S., O'DORISIO, T.M., KRAMER, W. and  
MAZZAFERRI, E.L. The effect of increasing  
doses of ingested glucose on insulin and gastric  
inhibitory polypeptide (GIP) concentrations in  
man, 587
- FARESE, R.V., RODRIGUEZ-COLOMÉ, M.  
and O'MALLEY, B.C. Urinary prostaglandins  
following frusemide treatment and salt depletion  
in normal subjects with diabetic hyporeninaemic  
hypoadosteronism, 447
- FARID, N.R., STONE, E. and JOHNSON, G.  
Graves' disease and HLA: clinical and epidemio-  
logic associations, 535
- FERRARI, C., see Reschini, E. *et al.*
- FERRIS, J.B., see Sullivan, P.A. *et al.*
- FIELD, L.H., see Jeffcoate, W.J. *et al.*
- IORELLI, G., see Bassi, F. *et al.*
- FITZGERALD, V., see Cohen, H.N. *et al.*
- FORREST, A.P.M., see McFadyen, I.J. *et al.*
- FORTI, G., see Bassi, F. *et al.*
- FOZ, M., see Ortega, D. *et al.*
- FRAMPTON, R.J., see Eisman, J.A. *et al.*
- FRANCHIMONT, P., see Reuter, A.M. *et al.*, also  
Gaspard, U.J. *et al.*
- FRENGLEY, P.A., see Ooi, T.C. *et al.*
- FREY, H.M.M., see Skare, S. and Frey, H.M.M.
- FRISINA, N., see Costa, G. *et al.*
- FUKUHCI, S., see Ogawa, S. *et al.*
- FYFFE, J.A., see Cohen, H.N. *et al.*
- GAILLARD, R., see Gillies, G. *et al.*
- GALLEY, J.M., see Mills, I.H. *et al.*
- GASPARD, U.J., REUTER, A.M., DEVILLE,  
J.-L., VRINDTS-GEVAERT, Y., BAGSHAWE,  
K.D. and FRANCHIMONT, P. Serum concen-  
trations of human chorionic gonadotrophin and  
its alpha and beta subunits. 2. Trophoblastic  
tumours, 319
- GASPARD, U.J., see Reuter, A.M. *et al.*
- GELLI, D., see Loli, P. *et al.*
- GILLIES, G., RATTER, S., GROSSMAN, A.,  
GAILLARD, R., LOWRY, P.J., BESSER, G.M.  
and REES, L.H. Secretion of ACTH, LPH and  
 $\beta$ -endorphin from human pituitary tumours *in*  
*vitro*, 197
- GIANI, C., see Pacini, F. *et al.*
- GIANNOTTI, G., see Bassi, F. *et al.*
- GLASS, M.R., see Martin, R.H. *et al.*
- GLATTHAAR, C., DONALD, R.A. and  
MCRAE, C.U. Pituitary function in normopro-  
lactinaemic infertile men receiving bromocrip-  
tine, 455
- GOLDMAN, J., see Wajchenberg, B.L. *et al.*
- GONGGRUP, H., see Sullivan, P.A. *et al.*
- GORCHEIN, A., see Lewis, P.S. *et al.*
- GRASSO, L. see Pacini, F. *et al.*
- GROSSMAN, A., YEO, T., DELITALA, G.,  
HATHWAY, N.R. and BESSER, G.M. Two  
new dopamine agonists that are long acting *in vivo*  
but short acting *in vitro*, 595
- GROSSMAN, A., see Gillies, G. *et al.*
- GUYDA, H.J., see Drop, S.L.S. *et al.*
- HALL, K., see Johnston, D.G. *et al.*
- HALL, R., see Johnston, D.G. *et al.*, also Teng, C.S.  
*et al.*
- HALL, S.E.H., see Saunders, J. *et al.*
- HAMMOND, G.L., see Huhtaniemi, I. *et al.*
- HARDISTY, C.A., NAIK, D.R. and MUNRO,  
D.S. Pericardial effusion in hypothyroidism, 349
- HATHWAY, N.R., see Grossman, A. *et al.*
- HAYWARD, E., see MacFarlane, I.A. *et al.*

- HAZELTON, R.A., see Ratcliffe, W.A. *et al.*
- HENDY, G.N., see Papapoulos, S.E. *et al.*
- HERSHMAN, J.M., see Morley, J.E. *et al.*
- HERTZ, J., see Andersen, A.N. *et al.*
- HORTH, C.E., see Lewis, P.S. *et al.*
- HORDER, M., see Kandeel, F.R. *et al.*
- HOW, J., KHIR, A.S.M. and BEWSHER, P.D.  
The effect on atenolol on serum thyroid hormones in hyperthyroid patients, 299
- HOWORTH, P.J.N., RAOUF, A.A.M., KEIGHTLEY, H.G., MARSDEN, P. and O'GORMAN, P. The accuracy and standardization of TBG kits, 473
- HUHTANIEMI, I., LEINONEN, P., HAMMOND, G.L. and VIHKO, P. Effect of oestrogen treatment on testicular LH/hCG receptors and endogenous steroids in prostatic cancer patients, 561
- HUHTANIEMI, I., see Martikainen, H. *et al.*
- HUNTER, W.M., see McFadyen, I.J. *et al.*
- IBBERTSON, H.R., see Ooi, T.C. *et al.*
- IMURA, H., see Tsuda, K. *et al.*
- JAFFIOL, C., see Baldet, L. and Jaffiol, C.
- JAMES, V.H.T., see Lewis, P.S. *et al.*
- JEFFCOATE, W.J., MATTHEWS, R.W., EDWARDS, C.R.W., FIELD, L.H. and BESSER, G.M. The effect of cyproterone acetate on serum testosterone, LH, FSH and prolactin in male sexual offenders, 189
- JOHN R., see Jones, M.K. *et al.*, also Ross, P.J. *et al.*
- JOHNSON, G., see Farid, N.R. *et al.*
- JOHNSTON, D.G., ALBERTI, K.G.M.M., NATTRASS, M., BURRIN, J.M., BLESALM-PICA, G., HALL, K. and HALL, R. Hyperinsulinaemia in hyperprolactinaemic women, 361
- JONES, G.R., see Jones, M.K. *et al.*
- JONES, M.K., JOHN, R. and JONES, G.R. The effect of oxprenolol, acebutolol and propranolol on thyroid hormones in hyperthyroid subjects, 343
- JONES, M.K., see Ross, P.J. *et al.*
- JÜRGENSEN, H.J., CHRISTENSEN, N.J., LADEFOGED, S. and MICIC, S. Lack of effect of intravenous LHRH on plasma noradrenaline in man, 249
- KANDEEL, F.R., LONDON, D.R., BUTT, W.R., DAVILA, N., RUDD, B.T., SADEGHIAN, S., LYNCH, S.S., LOGAN EDWARDS, R. and HORDER, M. Adrenal function in subgroups of the PCO syndrome assessed by a long ACTH test, 601
- KEIGHTLEY, H.G., see Howorth, P.J.N. *et al.*
- KHIR, A.S.M., see How, J. *et al.*
- KHOKHAR, A.M., SLATER, J.D.H., MA, J. and RAMAGE, C.M. The cardiovascular effect of vasopressin in relation to its plasma concentration in man and its relevance to high blood pressure, 259
- KING, R.J.B., see Eisman, J.A. *et al.*
- KITSUNAI, Y., see Ogawa, S. *et al.*
- KIVENEN, S., see Ylikorkala, O. *et al.*
- KIY, Y., see Mota, N.G.S. *et al.*
- KJER, J.J., see Andersen, A.N. *et al.*
- KLTEZKY, O.A., MARRS, R.P. and NICOLLOFF, J.T. Effects of cyproheptadine on insulin-induced hypoglycaemia secretion of PRL, GH and cortisol, 231
- KLIJN, J.G.M., LAMBERTS, S.W.J., DOCTER, R., DE JONG, R.H., VAN DONGEN, K.J. and BIRKENHAGER, J.C. The function of the pituitary-thyroidal axis in acromegalic patients v. patients with hyperprolactinaemia and a pituitary tumour, 577
- KÖBBERLING, J., see Mayer, G. *et al.*
- KRAMER, W., see Falko, J.M. *et al.*
- KUDO, S., see Ogawa, S. *et al.*
- KUMAHARA, Y., see Morimoto, S. *et al.*
- KUZUYA, H., see Tsuda, K. *et al.*
- KYAN, T.S., see Wajchenberg, G.L. *et al.*
- LAATKAINEN, T.J., APTER, D.L., PAVONEN, J.A. and WAHLSTRÖM, T.R. Steroids in ovarian and peripheral venous blood in polycystic ovarian disease, 125
- LADEFOGED, S., see Jürgensen, H.J. *et al.*
- LARSEN, P.S., see Andersen, A.N. *et al.*
- LAMBERTS, S.W.J., see Klijn, J.G.M. *et al.*
- LAYTON, J., see Del Negro, G. *et al.*
- LEINONEN, P., see Huhtaniemi, I. *et al.*
- LEWIN I.G., see Papapoulos, S.E. *et al.*
- LEWIS, P.S., GORCHEIN, A., JAMES, V.H.T., MAY, C.N. and HORTH, C.E. Long term spironolactone and the adrenal cortex in essential hypertension, 273
- LIMA, S.S., see Wajchenberg, B.L. *et al.*
- LISSNER, D., see Mason, R.S. *et al.*
- LOLI, P., RIOLO, A., BONOMO, M., RONZINI, M., BOTALLA, L. and GELLI, D. Effects of sulpiride induced hyperprolactinaemia in patients with Turner's syndrome, 9
- LOGAN EDWARDS, R., see Kandeel, F.R. *et al.*
- LONDON, D.R., see Kandeel, F.R. *et al.*
- LOPEZ, J.M., RODRIGUEZ, J.A. and MARUSIC, E.T. Plasma aldosterone response to angiotensin II and potassium chloride infusions in hypopituitary patients, 331

- LOWRY, P.J., see Gillies, G. *et al.*, also Pullan, P.J. *et al.*
- LYNCH, S.S., see Kandeel, F.R. *et al.*
- MA, J., see Khokhar, A.M. *et al.*
- MACFARLANE, I.A., BEARDWELL, C.G., SHALET, S.M., DARBYSHIRE, P.J., HAYWARD, E. and SUTTON, M.L. Glycoprotein hormone  $\alpha$  subunit secretion by pituitary adenomas: influence of external irradiation, 215
- MACINTYRE, I., see Eisman, J.A. *et al.*
- MALOOF, F., see Ridgway, E.C. *et al.*
- MANNING, R.M., see Papapoulos, S.E. *et al.*
- MARRS, R.P., see Kletzky, O.A. *et al.*
- MARTIKAINEN, H., HUHTANIEMI, I. and VIHKO, R. Response of peripheral serum sex steroids and some of their precursors to a single injection of hCG in adult men, 157
- MARTIN, R.H., GLASS, M.R., CHAPMAN, C., WILSON, G.D. and WOODS, K.L. Human  $\alpha$ -lactalbumin and hormonal factors in pregnancy and lactation, 223
- MARTIN, T.J., see Eisman, J.A. *et al.*
- MARUSIC, E.T., see Lopez, J.M. *et al.*
- MASON, R.S., LISSNER, D., WILKINSON, M. and POSEN, S. Vitamin D metabolites and their relationship to azotaemic osteodystrophy, 375
- MATTHEWS, R.W. see Jeffcoate, W.J. *et al.*
- MAY, C.N., see Lewis, P.S. *et al.*
- MAYER, G., WESSEL, J. and KÖBBERLING, J. Failure of naloxone to alter exercise-induced growth hormone and prolactin release in normal man, 413
- MAZZAFERRI, E.L., see Falko, J.M. *et al.*
- MCFADYEN, I.J., BOLTON, A.E., CAMERON, E.H.D., HUNTER, W.M., RAAB, G. and FORREST, A.P.M. Gonadal-pituitary hormone levels in gynecomastia, 77
- MCNEILLY, A.S., see Vaughan Williams, C.A. *et al.*
- MCRAE, C.U., see Glattharr, C. *et al.*
- MEDBAK, S., see Wass, J.A.H. *et al.*
- MELO, E.H.L., see Del Negro, G. *et al.*
- MELO, M.R., see Del Negro, G. *et al.*
- MESCHIA, M., see Reschini, E. *et al.*
- MIALL, P.A., see Edwards, C.R.W. *et al.*
- MICIC, S., see Jürgensen, H.J. *et al.*
- MILLS, I.H., COOK, R.F., GALLEY, J.M., EDWARDS, O.M. and TAIT, A.D. Corticosterone-secreting tumours with and without renal artery stenosis, 355
- MODLIN, I.M., see Morley, J.E. *et al.*
- MORI, K., see Tsuda, K. *et al.*
- MORIMOTO, S., TSUJI, M., OKADA, Y., ONISHI, T. and KUMAHARA, Y. The effect of oestrogens on human calcitonin secretion after calcium infusion in elderly female subjects, 135
- MORIONDO, P., TRAVAGLINI, P., NISSIM, M. and FAGLIA, G. Evaluation of two inhibition tests (Nomifensine and L-DOPA + Carbidopa) for the diagnosis of hyperprolactinaemic states, 525
- MORLEY, J.E., VARNER, A.A., MODLIN, I.M., CARLSON, H.E., BRAUNSTEIN, G.D., WALSH, J.H. and HERSHMAN, J.M. Failure of bombesin to alter anterior pituitary hormone secretion in man, 369
- MOTA, N.G.S., KIY, Y., REZKALLAH-IWASSO, M.T. and PERAÇOLI, M.T.S. Humoral and cell mediated immunity in large non-toxic multinodular goitre, 173
- MUNRO, D.S., see Hardisty, C.A. *et al.*
- MYERS, G., see Ridgway, E.C. *et al.*
- NABARRO, J.D.N. Pituitary surgery for endocrine disorders, 285
- NAIK, D.R., see Hardisty, C.A. *et al.*
- NATTRASS, M., see Johnston, D.G. *et al.*
- NICOLOFF, J.T., see Kletzky, O.A. *et al.*
- NIELSEN, J., see Andersen, A.N. *et al.*
- NISSIM, M., see Moriondo, P. *et al.*
- NISTRUP MADSEN, S., see Bech, K. and Nistrup Madsen, S.
- NOVAO, J., see Perez, C. *et al.*
- OAKEY, R.E., see Towobola, O.A. *et al.*
- O'DORISIO, T.M., see Falko, J.M. *et al.*
- OGAWA, S., KUDO, S., KITSUNAI, Y. and FUKUCHI, S. Increase in oxytocin secretion at ejaculation in male, 95
- OKADA, Y., see Morimoto, S. *et al.*
- O'MALLEY, B.P., DAVIES, T.J. and ROSENTHAL, F.D. TSH responses to temperature in primary hyperthyroidism, 87
- O'MALLEY, B.C., see Farese, R.V. *et al.*
- ONISHI, T., see Morimoto, S. *et al.*
- OOI, T.C., WHITLOCK, R.M.L., FRENGLEY, P.A. and IBBERTSON, H.R. Systolic time intervals and ankle reflex time in patients with minimal serum TSH elevation: response to triiodothyronine therapy, 621
- O'RIORDAN, J.L.H., see Papapoulos, S.E. *et al.*
- ORTEGA, D., FOZ, M., DOMÉNECH-TORNÉ, F.M. and TRESÁNCHER, J.M. The diagnosis of Cushing's syndrome using  $^{131}\text{I}$ -19-iodocholesterol uptake and adrenal imaging, 145
- ORTH, D.N., see Bertagna, X.Y. *et al.*
- O'SULLIVAN, D.J., see Sullivan, P.A. *et al.*
- PACINI, F., PINCHERA, A., GIANI, C., GRASSO, L. and BASCHIERI, L. Serum thyro-

- globulin concentrations and  $^{131}\text{I}$  whole body scans in the diagnosis of metastases from differentiated thyroid carcinomas (after thyroidectomy), 107
- PAPAPOULOS, S.E., MANNING, R.M., HENDY, G.N., LEWIN, I.G. and O'RIO-DAN, J.L.H. Studies of circulating thyroid hormone in man using a homologous amino-terminal specific immunoradiometric assay, 57
- PAVONEN, J.A., see Laatikainen, T.J. *et al.*
- PENMAN, E., WASS, J.A.H., BESSER, G.M. and REES, L.H. Somatostatin secretion by non-endocrine tumours, 613
- PENMAN, E., see Wass, J.A.H. *et al.*
- PERACCHI, M., see Reschini, E. *et al.*
- PERAÇOLI, M.T.S., see Mota, N.G.S. *et al.*
- PEREZ, C., NOVAO, J., ALCANIZ, J., SALTO, L. and BARCELO, B. Leydig cell tumour of the testis with gynaecomastia and elevated oestrogen, progesterone and prolactin levels: case report, 409
- PINCHERA, A., see Bassi, F. *et al.*, also Pacini, F. *et al.*
- POSEN, S., see Mason, R.S. *et al.*
- PULLAN, P.J., CLEMENT-JONES, V., COR- DER, R., LOWRY, P.J., BESSER, G.M. and REES, L.H. ACTH, LPH and related peptides in the ectopic ACTH syndrome, 437
- PUPI, A., see Bassi, F. *et al.*
- QUYYUMI, P., see Edwards, C.R.W. *et al.*
- RAAB, G., see McFadyen, I.J. *et al.*
- RABIN, D., see Bertagna, X.Y. *et al.*
- RAMAGE, C.M., see Khokhar, A.M. *et al.*
- RAOUF, A.A.M., see Howarth, P.J.N. *et al.*
- RATCLIFFE, W.A., HAZELTON, R.A., THOM- SON, J.A. and RATCLIFFE, J.G. The effect of fenclofenac on thyroid function tests *in vivo* and *in vitro*, 569
- RATCLIFFE, J.G., see Ratcliffe, W.A. *et al.*
- RATTER, S., see Gillies, G. *et al.*
- REES, L.H., see Edwards, C.R.W. *et al.*, also Gil- lies, G. *et al.*, Penman, E. *et al.*, Pullan, P.J. *et al.*, Wass, J.A.H. *et al.*
- RESCHINI, E., FERRARI, C., PERACCHI, M., FADINI, R., MESCHIA, M. and CROSI- GIANI, P.G. Effect of dopamine infusion in serum prolactin concentration in normal and hyperpro- lactinaemic subjects, 519
- REUTER, A.M., GASPARD, U.J., DEVILLE, J.-L., VRINDTS-GEVAERT, Y. and FRAN- CHIMONT, P. Serum concentrations of human chorionic gonadotrophin and its alpha and beta subunits. I. During normal single and twin preg- nancies, 305
- REUTER, A.M., see Gaspard, U.J. *et al.*
- REZKALLAH-IWASSO, M.T., see Mota, N.G.S. *et al.*
- RIDGWAY, E.C., COOPER, D.S., WALKER, H., DANIELS, G.H., CHIN, W.W., MYERS, G. and MALOOF, F. Therapy of primary hypothy- roidism with L-triiodothyronine: discordant cardiac and pituitary responses, 479
- RIOLO, A., see Loli, P. *et al.*
- ROBERTS, L.J. see Bertagna, X.Y. *et al.*
- ROBYN, C., see Delvoye, P. *et al.*
- RODBARD, D., see Del Negro, G. *et al.*
- RODRIGUEZ, J.A., see Lopez, J.M. *et al.*
- RODRIGUEZ-COLOMÉ, M., see Farese, R.V. *et al.*
- RÖNNBERG, L., see Ylikorkala, O. *et al.*
- RONZINI, M., see Loli, P. *et al.*
- ROSS, P.J., JONES, M.K. and JOHN, R. The effect of propranolol withdrawal on thyroid hormones in normal and hyperthyroid subjects, 27
- ROSS, W.M., see Teng, C.S. *et al.*
- ROSENTHAL, F.D., see O'Malley, B.P. *et al.*
- RUDD, B.T., see Kandeel, F.R. *et al.*
- RUSSELL, G.I., see Bing, R.F. *et al.*
- SADEGHIAN, S., see Kandeel, F.R. *et al.*
- SALTO, J., see Perez, C. *et al.*
- SAKURAI, H., see Tsuda, K. *et al.*
- SAUNDERS, J., HALL, S.E.H. and SÖNKSEN, P.H. Glucose and free fatty acid turnover in thyrotoxicosis and hypothyroidism, before and after treatment, 33
- SEINO, S., see Tsuda, K. *et al.*
- SEINO, Y., see Tsuda, K. *et al.*
- SERIO, M., see Bassi, F. *et al.*
- SESTOFT, L. Metabolic aspects of the calorogenic effects of thyroid hormones in mammals, 489
- SHALET, S.M., see MacFarlane, I.A. *et al.*
- SKARE, S. and FREY, H.M.M. Lack of effect of somatostatin on thyroid gland function in Graves' disease, 167
- SLATER, J.D.H., see Khokhar, A.M. *et al.*
- SÖNKSEN, P.H., see Saunders, J. *et al.*
- STONE, E., see Farid, N.R. *et al.*
- SULLIVAN, P.A., GONGGRUP, H., CROW- LEY, M.J., FERRISS, J.B. and O'SULLIVAN, D.J. Plasma angiotensin II and the control of diabetes mellitus, 387
- SUTTON, M.L., see MacFarlane, I.A. *et al.*
- SWALES, J.D., see Bing, R.F. *et al.*
- SVENSTRUP, B., see Andersen, A.N. *et al.*
- TAIT, A.D., see Mills, I.H. *et al.*
- TAMM, J., VOLKWEIN, U. and TRES- GUERRES, J.A.F. Plasma testosterone gluco- siduronate: a reliable indicator of female

- hyperandrogenism, (idiopathic hirsutism and androgenic alopecia), 431
- TANIGAWA, K., see Tsuda, K. *et al.*
- TENG, C.S., CROMBIE, A.L., HALL, R. and ROSS, W.M. An evaluation of supervoltage orbital irradiation for Graves' ophthalmopathy, 545
- THOMSEN, Y.L., see Wajchenberg, B.L. *et al.*
- THOMSON, J.A., see Cohen, H.N. *et al.*, also Ratcliffe, W.A. *et al.*
- THURSTON, H., see Bing, R.F. *et al.*
- TOVEY, J.E., see Alston, W.C. *et al.*
- TOWOBOLA, O.A., CRILLY, R.C. and OAKEY, R.E. Oestrone sulphate in plasma from post-menopausal women and the effects of oestrogen and androgen therapy, 461
- TRAVAGLINI, P., see Moriondo, P. *et al.*
- TRESÁNCHEZ, J.M., see Ortega, D. *et al.*
- TRESGUERRES, J.A.F., see Tamm, J. *et al.*
- TSUDA, K., SAKURAI, H., SEINO, Y., SEINO, S., TANIGAWA, K., KUZUYA, H., MORI, K. and IMURA, H. Abnormal pancreatic polypeptide response to oral glucose loading in diabetes mellitus, 425
- TSUJI, M., see Morimoto, S. *et al.*
- VARNER, A.A., see Morley, J.E. *et al.*
- VAN DONGEN, K.J., see Klijn, J.G.M. *et al.*
- VAUGHAN WILLIAMS, C.A., MCNEILLY, A.S. and BAIRD, D.T. Comparison of single and repeated applications of long acting synthetic analogue of LHRH [D-SER(TBU)<sup>6</sup>-EA<sup>10</sup> LHRH] in the assessment of pituitary gonadotrophin secretory capacity, 51
- VIHKO, R., see Huhtaniemi, I. *et al.*, also Martikainen, H. *et al.*
- VIINIKKA, L., see Ylikorkala, O. *et al.*
- VRINDTS-GEVAERT, Y., see Reuter, A.M. *et al.*, also Gaspard U.J. *et al.*
- VOLKWEIN, U., see Tamm, J. *et al.*
- WACHLISCHT-RODBARD, H. see Del Negro, G. *et al.*
- WAHLSTRÖM, T.R., see Laatkainen, T.J. *et al.*
- WAJCHENBERG, B.L., GOLDMAN, J., KYAN, T.S., ACHANDO, S.S., THOMSEN, Y.L. and LIMA, S.S. Oestrogen dynamics in adrenal venous effluents in congenital virilizing adrenal hyperplasia, 401
- WALKER, H., see Ridgway, E.C. *et al.*
- WALSH, J.H., see Morley, J.E. *et al.*
- WASS, J.A.H., PENMAN, E., MEDBAK, S., REES, L.H. and BESSER G.M. CSF and plasma somatostatin levels in acromegaly, 235
- WASS, J.A.H., see Penman, E. *et al.*
- WESSEL, J., see Mayer, G. *et al.*
- WILKINSON, M., see Mason, R.S. *et al.*
- WILSON, G.D., see Martin, R.H. *et al.*
- WHITLOCK, R.M.L., see Ooi, T.C. *et al.*
- WOODS, K.L., see Martin, R.H. *et al.*
- YLIKORKALA, O., KIVENEN, S., RÖNNBERG, L. and VIINIKKA, L. Bromocriptine suppresses the thyrotrophin response to thyrotrophin releasing hormone during human pregnancy, 253
- YEO, T., see Grossman, A. *et al.*

Subject Index to Volume 13

- Acebutolol  
  effect on thyroid function, 343
- Acromegaly  
  levels of cerebrospinal fluid and somatostatin, 235
- Adenomas  
  pituitary,  $\alpha$  subunit secretion by, 215
- Adenosine monophosphate  
  cyclic levels in hyperparathyroidism, 17
- Adrenocorticotrophin  
  3 hour metyrapone test, 69  
  secretion from pituitary tumours, 197
- Adrenal  
  cortex  
    effect of spironolactone on, 273  
    function  
      in paracoccidioidomycosis, 553  
      in subgroups of PCO syndrome, 601
- Aldosterone  
  effect of metoclopramide, 45  
  increased secretion induced by sulpiride, 1  
  response to angiotensin II and KCl, 331
- Alpha-lactalbumin  
  in pregnancy and lactation, 223
- Amenorrhoea  
  lactational, hyperprolactinaemia in, 243
- Androgens  
  effect of cyproterone acetate on male sexual offenders, 189  
  effect on oestrone sulphate, 461
- Angiotensin II  
  in diabetes mellitus, 387
- Atenolol  
  effect on thyroid hormones in hyperthyroidism, 299
- Beta-endorphin  
  secretion from pituitary tumours, 197
- Bombesin  
  effect on anterior pituitary, 369
- Breast  
  1,25-dihydroxyvitamin D<sub>3</sub> receptors in, 267
- Bromocriptine  
  and pituitary function, 455  
  suppression of prolactin, 151  
  suppression of TSH response to TRH, 253
- Calcium  
  infusion in elderly females, 135
- Calcitonin  
  effect of oestrogens on secretion after calcium infusion, 135  
  MW forms in medullary carcinomas of the thyroid, 115
- Cerebrospinal fluid  
  somatostatin levels in acromegaly, 235
- Cortisol  
  3 hour metyrapone test, 69
- Corticosterone  
  secreting tumours with/without renal artery stenosis, 355
- Cushing's syndrome  
  diagnosis using <sup>131</sup>I-19-iodocholesterol and adrenal imaging, 145
- Cyproheptadine  
  effect on PRL, GH and cortisol in hypoglycaemia, 231
- Cyproterone acetate,  
  effect on androgens in male sexual offenders, 189
- Diabetes mellitus  
  angiotensin II in, 387  
  pancreatic polypeptide response to oral glucose in, 425
- Diencephalic syndrome  
  GH release in, 181
- 11-deoxycortisol  
  3 hour metyrapone test, 169
- 1,25-dihydroxyvitamin D<sub>3</sub>  
  receptors in breast, 267
- Dopamine  
  effect of ergolines, 595  
  infusion: effect on prolactin, 519  
  inhibition of naloxone-induced gonadotrophin rise, 515
- Ectopic ACTH syndrome  
  ACTH, LPH and related peptides in, 437
- Ergolines  
  effect on dopamine, 595
- Fenclofenac  
  effect on thyroid function, 569
- Frusemide  
  in hyporeninaemic hypoaldosteronism, 447
- Gastric inhibitory polypeptide  
  effect of ingested glucose on, 587
- Glucose  
  pancreatic polypeptide response to, 425
- Goitre  
  non-toxic, immune response in, 173
- Gonadal-pituitary hormones  
  in gynaecomastia, 77
- Gonadotrophins  
  concentrations during pregnancy (including subunits), 305



- Gonadotrophins (*cont.*)  
 concentrations in trophoblastic tumours (including subunits) 319  
 dopamine inhibition of naloxone-induced rise, 515  
 LHRH analogue in, 51  
 response of sex steroids to, 157
- Graves' disease  
 effect of somatostatin on thyroid gland function, 167  
 HLA antigens in, 535  
 ophthalmopathy in irradiation of, 545  
 treatment with propylthiouracil and radioiodine in, 417
- Growth hormone  
 deficiency, prolactin release in, 207  
 effect of cyproheptadine on release, 231  
 effect of naloxone on, 413  
 release in diencephalic syndrome, 181
- Gynaecomastia  
 gonadal-pituitary hormone levels in, 77  
 with Leydig cell tumour, 409
- HLA antigens  
 in Graves' disease, 535
- Hyperandrogenism  
 testosterone glucosiduronate in, 431
- Hyperinsulinaemia  
 in hyperprolactinaemia, 361
- Hyperparathyroidism  
 urinary cyclic AMP in, 17
- Hyperplasia  
 adrenal, oestrogen in congenital virilizing, 401
- Hyperprolactinaemia  
 diagnosis using nomifensine and L-dopa + carbidopa, 525  
 during prolonged lactation, 243  
 effect of dopamine infusion, 519  
 function of pituitary-thyroidal axis in, 577  
 sulpiride-induced in Turner's syndrome, 9  
 with hyperinsulinaemia, 361
- Hypertension  
 and cardiovascular effect of vasopressin, 259  
 effect of spironolactone on adrenal cortex, 273  
 reversible, 339
- Hyperthyroidism  
 and effect of oxyprenolol, acebutolol and propranolol, 343  
 effect of atenolol in, 299
- Hypoadosteronism  
 urinary prostaglandins in diabetic hypoparathyroidism, 447
- Hypoglycaemia  
 effect of cyproheptadine, 231
- Hypopituitarism  
 aldosterone response to angiotensin II and KCl, 331
- Hypothyroidism  
 glucose and free fatty acids in, 33  
 pericardial effusion in, 349  
 reversible, 339  
 therapy with L-triiodothyronine, 479  
 TSH response to temperature, 87
- Immune response  
 in non-toxic goitre, 173
- Insulin  
 effect of ingested glucose, 587
- Irradiation  
 external, influence on  $\alpha$  subunit secretion, 215  
 orbital, for Graves' ophthalmopathy, 545
- <sup>131</sup>I-19-iodocholesterol  
 use for diagnosis of Cushing's syndrome, 145
- L-dopa + carbidopa  
 in diagnosis of hyperprolactinaemia, 525
- L-triiodothyronine  
 therapy of primary hypothyroidism, 479
- Luteinizing hormone releasing hormone  
 analogue and pituitary gonadotrophin, 51  
 effect on noradrenaline, 249
- Lipotrophin  
 secretion from pituitary tumours, 197
- Metoclopramide  
 effect on aldosterone secretion, 45  
 prolactin response to in GH deficiency, 207  
 stimulation of prolactin in early pregnancy, 151
- Metyrapone  
 3 hour test in adults, 69
- Naloxone  
 effect on GH and PRL release, 413  
 -induced rise of gonadotrophin, 515
- Nomifensine  
 in diagnosis of hyperprolactinaemia, 525
- Noradrenaline  
 LHRH in, 249
- Normoprolactinaemia  
 pituitary function in, 455
- Oestrogens  
 effect on calcitonin secretion, 135  
 effect of oestrone sulphate, 461  
 effect of treatment in prostatic cancer, 561  
 in adrenal hyperplasia, 401
- Oestrone sulphate  
 in postmenopausal women, 461
- Osteodystrophy  
 vitamin D metabolites in, 375



- Ovarian hormones  
  prolactin change in early pregnancy, 151
- Oxyphenolol  
  effect on thyroid function, 343
- Oxytocin  
  increase in at ejaculation, 95
- Paracoccidioidomycosis  
  adrenal function in, 553
- Pancreatic polypeptide  
  response to oral glucose in diabetes mellitus, 425
- Parathyroid hormone  
  studies using homologous amino terminal immunoradiometric assay, 57
- Pericardial effusion  
  in hypothyroidism, 349
- Pituitary  
  anterior  
    effect of bombesin, 369  
  gland  
    function in normoprolactinaemic infertile men, 455  
    surgery for endocrine disorders, 285  
  tumours  
    function of pituitary-thyroidal axis in, 577  
    secretion of ACTH, LPH and  $\beta$ -endorphin, 197
- Placental hormones  
  prolactin change in early pregnancy, 151
- Polycystic ovarian disease  
  adrenal function in, 601  
  ovarian vein steroids in, 125
- Progesterone  
  levels during prolonged lactation, 243
- Propranolol  
  effect of withdrawal on thyroid function, 27  
  effect on thyroid function, 343
- Prolactin  
  change in early pregnancy, 151  
  effect of cyproheptadine on release, 231  
  effect of dopamine infusion, 519  
  effect of naloxone, 413  
  effect of metoclopramide, 207  
  levels in prolonged lactation, 243
- Somatostatin  
  effect on thyroid in Graves' disease, 167  
  levels in acromegaly, 235  
  secretion by lung and thymic tumours, 613
- Spironolactone,  
  effect on adrenal cortex, 273
- Stenosis  
  renal arterial in corticosterone secreting tumours, 355
- Steroids  
  effect of oestrogens on, 561  
  in PCO, 125  
  their response to hCG, 157
- Sulpiride  
  and aldosterone secretion, 1  
  induction of hyperprolactinaemia in Turner's syndrome, 9
- Testis  
  effect of oestrogen treatment, 561
- Testosterone glucosiduronate  
  in female hyperandrogenism, 431
- Thyroid  
  effect of somatostatin, 167  
  medullary carcinoma of, 115
- Thyroid hormones  
  effect of atenolol, 299  
  effect of fenclofenac, 569  
  effect of propranolol withdrawal, 27  
  metabolic aspects of calorogenic effect, 489
- Thyroid stimulating immunoglobulins  
  treatment with radioiodine and propylthiouracil, 417
- Thyrotoxicosis  
  glucose and free fatty acid, 33
- Thyrotrophin  
  response to temperature in hypothyroidism, 87  
  response to TRH after bromocriptine, 253  
  minimal, 620
- Thyroxine  
  measurement in thyroid disease, 393  
  response to bromocriptine and TRH, 253
- Thyroxine binding globulin  
  accuracy of radioimmunoassay, 473
- Triiodothyronine  
  measurement in thyroid disease, 393  
  response to bromocriptine and TRH, 253  
  therapy in minimal TSH elevation, 620
- Tumours  
  Leydig cell of testis, 409  
  lung and thymic, somatostatin secretion by, 613  
  trophoblastic, concentration of gonadotrophins in, 319
- Turner's syndrome  
  sulpiride induced hyperprolactinaemia, 9
- Vasopressin  
  cardiovascular effect and relevance to hypertension, 259
- Vitamin D  
  metabolites in azotaemic osteodystrophy, 375